

1. Profile Information:

- Name of Faculty : Dr. Gajanan Vishnu Mali
- Position : Vice Principal (Academic) and Assistant Professor in Microbiology
- Name of College : Yashwantrao Mohite College of Arts, Science and Commerce, Pune.
- Teaching Experience : 30 Years
- Research Experience : 20 Years
- Institute Email ID : gajanan.mali@bharativedyapeeth.edu
- Personal Email ID : gvmali101@gmail.com , gajamali@rediffmail.com
- SCOPUS Link : <https://www.scopus.com/authid/detail.uri?authorId=47962353700>
- Web of Science Link : <http://www.webofscience.com/wos/author/record/R-5731-2016>
- ORCID Link : <https://orcid.org/my-orcid?orcid=0000-0003-2437-3787>
- ResearchGate Link : <https://www.researchgate.net/profile/Gajanan-Mali>
- Google Scholar Link : <https://scholar.google.com/citations?user=5dnbVcEAAA&hl=en>
- Vidwan Link : <https://vidwan.inflibnet.ac.in/myprofile>
- Marathi Vishwakosh : <https://marathivishwakosh.org/author/gajanan-mali/>
- Blog : <https://drgvmali.blogspot.com/>
- You Tube Channel : <https://www.youtube.com/channel/UCuDA4pN8rlyONjKM0DC0WBg>

• Profile :

Dr. G.V. Mali is Vice Principal (Academics) and Associate Professor in Microbiology at Bharati Vidyapeeth (Deemed to be University) Yashwantrao Mohite College of Arts, Science and Commerce, Pune. His area of research is Agricultural Microbiology, Environmental Microbiology and Food Microbiology with special interest in plant growth promoting rhizobacteria, PGPR and secondary metabolites of medicinal plants, biodegradation of pesticides, bioremediation of heavy metals, probiotics, aflatoxins etc. He is an expert author in Microbiology for Marathi 'Marathi Vidnyan Vishwakosh' published by Maharashtra State Marathi Vishwakosh Nirmiti Mandal. He has visited to Visited Malaysia, Singapore and Bhutan and presented research papers in International Conferences. He is a recipient of Fellow Membership Award (FWRA) by World Researchers Associations for achievements and for promotion of Research and Environment and Academic Excellence Award by Institute of Scholars, Bangalore. He is a guest faculty in Food Technology Department for Food Microbiology at Defense Institute of Advance Technology (DIAT), Khadakwasala, and Pune. He has been listed as an Educationalist and Researcher in Asian Admirable Achievers -2023, Vol. XI published by Rifacimento International.

2. EDUCATION:

Degree	Subject / Title	University	Year	Class
Ph.D.	Studies on native <i>Azotobacter</i> and root nodule bacteria associated with groundnut (<i>Arachis hypogea l.</i>) from different locations of Sangli District	Bharati Vidyapeeth Deemed to be University, Pune	2009	-
M.Sc.	Microbiology	Shivaji University , Kolhapur	1992	First
B.Sc.	Microbiology	Shivaji University , Kolhapur	1990	First

• Short Term Course / Faculty Development / Training Programmes :

Sr. No.	Course	Duration	University / Institute
1	Orientation Course	14/11/1996 - 11/12/1996.	ASC, Goa University, Goa
2	Refresher Course in Environmental Science	09/11/2002 - 29/11/2002	ASC, Goa University, Goa
3	Refresher Course Computer Awareness	12/11/2007 - 02/12/2007	ASC, Maulana Azad National Urdu University, Hyderabad
4	Global Skill Enhancement Programme	11/06/2007-23/06/ 2007	Infosys BPO at Infosys Leadership Institute, Mysore
5	FDP on Teaching Technology	28/12/2009 - 30/12/2009	BVDU Medical College and Hospital , Sangli
6	FDP on Environment Modeling and Simulation	10/03/2010 -12/03/2010	IPS Academy, Indore (Sponsored by M.P. Council of Science and Technology and CSIR, New Delhi
7	STEM Teacher Training Workshop on Research Based Pedagogical Tools	23/09/2018- 26/09/2018	IISER, Pune (Sponsored by DBT, Govt. of India) at Kolkatta
8	SWAYAM MOOC Course on 'E-Content Development'	28/10/2018 - 24/12/2018 (Online)	National Institute of Technical Teachers Training and Research (NTTTR) , Chennai
9	Refresher Course on Innovation and Best Practices in Educational Skills	1/11/2018 to 28/02/2019 (Online ARPIT Course)	Sant Gadage baba Amarawati University, Amarawati
10	Training of Teachers for Student Induction Programme	06/06/2019 - 08/06/2019	UGC (WRO) Pune, at IISER , Pune
11	Refresher Course on ' Skills for New Educational Architecture	01/09/2019 – 15/01/2020 (Online ARPIT Course)	Sant Gadage baba Amarawati University , Amarawati
12	FDP on Managing Online Classes and Co-creating MOOCs	20/04/2020 – 06/05/2020 (Online two weeks short term Course)	Ramanujan College, University of Delhi
13	FDP on ICT Tools for Effective Teaching Learning	11/05/2020 – 16 05/2020 (Online one week short term Course)	Swami Ramanand Tirth University, Nanded

14	FDP on Evolution from Offline to Online Teaching	30/05/2020 – 03/06/2020 (Online one week short term Course)	Mumbai University, Mumbai
15	FDP NAAC Assessment and Accreditation	21/05/2020 – 26/05/2020 (Online one week short term Course)	Shivaji College, Parabhani
16	FDP on Professional skills and Moral Capabilities	26/05/2020 – 31/05/2020 (Online one week STC)	Bharati Vidyapeeth Deemed to be University, Pune
17	E Content Development	11/05/2020 – 20/05/2020	SSM Mahavidyalaya , Pune & CSC College, Satara
18	Development of MOOCs	17/1/2022 to 22/1/2022	BVDUs Internal Quality Assurance Cell (IQAC) and Centre for Distance and Online Education (CDOE)

3. EXPERIENCE:

- Teaching: 30 Years at UG and 3 years at PG
- Research : 20 Years during Ph.D., UGC Research Projects & as a Research Guide
- Vice Principal (Academic) Since January 2023
- **Chairman**, Board of Studies in Life Sciences, Bharati Vidyapeeth (Deemed to be) University, Pune
- **Member**, Board of Studies in Microbiology of Shivaji University, Kolhapur (Nov.2007 to Sept.2023)
- **Member**, Board of Studies in Microbiology of Savitribai Phule Pune University (From June 2023)
- **Member** , Board of Studies in Microbiology of Vivekanand College, Kolhapur (Autonomous)
- **Member**, Board of Studies in Microbiology of Mahaveer College, Kolhapur (Autonomous)
- IQAC and NAAC Co-ordinator during third cycle of NAAC at BVPs MBSK Kanya Mahavidyalaya , Kadegaon (2012- 2017)
- IQAC Co-ordinator of Yashwantrao Mohite College, Pune Since June 2023.
- Nodal officer for the effective implementation of NEP-2020 at Y.M College.
- Observer for SET Examinations of Maharashtra State, appointed by SET Examination cell, SPPU, Pune
- Observer for UGC-NET, CSIR-NET, GPAT, JEE, NEET Examinations conducted by National Testing Agency New Delhi.
- External Member, Departmental Research Committee, Shivaji University, Kolhapur and Parul University, Vadodara.
- An expert author in Microbiology for Marathi ‘Marathi Vidnyan Vishwakosh’ published by Maharashtra State Marathi Vishwakosh Nirmiti Mandal.

4. RESEARCH :

- **Research Matrix:**

- Citations : 209
- h-Index : 07
- i10-Index : 05
- RG Score : 107

- **Area of Research:**

Agricultural Microbiology, Environmental Microbiology and Food Microbiology with special interest in plant growth promoting rhizobacteria, PGPR and secondary metabolites of medicinal plants, Biodegradation of pesticides, bioremediation of heavy metals, probiotics, aflatoxins etc.

- **Patents : Granted – 03, Published – 04**

Sr. No.	Title	Journal No. & Date	Application No	Status	Patent No.
1	Detachable autoclavable cap for test tube and flask	49 / 2019 6/12/2019	201921048529 dated 22/11/2019	Granted on 22/08/2023	446347
2	A Bacteriological Spreading Device	30 / 2021 23/07/2021	202121028179 A dated 23/06/2021	Under Examination	-
3	A method for the isolation of agar from used solid culture media	39 / 2021 24/09/2021	202121038762 A dated 26/08/2021	Under Examination	-
4	An agar slant solidifier device	14 / 2022 08/04/2022	202121032826A dated 21/07/2021	Under Examination	-
5	An Agar Slant Solidifier (Design)	24/10/2021	351918-001	Registered on 19/01/2023	126112
6	A Bacteriological Spreader (Design)	24/10/2021	351919-001	Registered on 19/01/2023	126194
7	Autoclavable cap for test tube and flask (Design)	24/11/2022	374551-001	Under Examination	-

- **Research Projects Completed : 02**

Sr. No.	Title	Funded By	Duration	Amount
1	Effect of combined inoculation with native species of <i>Azotobacter</i> and <i>Rhizobia</i> on various parameters in groundnut from Sangli District	UGC (WRO) Pune	2005-2007	47,000/-
2	Studies on phytohormones and antifungal metabolites producing <i>Azotobacter chroococcum</i> strains from groundnut (<i>Arachis hypogea</i> L.) rhizospheres	UGC (WRO) Pune	2010-2012	1,40,000/-

- **Research Guidance for Ph. D. degree in Microbiology**

- Awarded – 4
- Registered – 6

Sr. No	Name of the Student	Title of Thesis	Status	Date of Declaration / Registration
1	Dr. Kedar Bhimrao Rokade	Biodegradati of Ecotoxic Organophosphorous and Neonicotinoid Insecticide additives by <i>Pseudomonas desmolyticum</i> NCIM 2112	Awarded	05/12/2013
2	Dr. Karuna Rajaram Pawar	Biodiversity of Organophosphorous insecticide resistant bacteria in grape wine yard soils	Awarded	13/03/2015
3	Dr. Akshaykumar Shantaram Pawar	Studies on Bacterial Degradation of Cypermethrin , Deltamethrin and Bifenthrin Pesticides	Awarded	17/05/2019
4	Ms. Manisha Pandit Dhanashetty	Aflatoxins in Chilli , Peanut and Rice : Analysis, Risk Assessment and Detoxification	Awarded	01/09/2023
5	Ms. Ruddhi Rajendra Jagtap	Effect of Plant Growth Promoting Rhizobacteria on Secondary Metabolites of Medicinal Plants and Their Pharmacological and Bioinformatics Studies	Registered	01/07/2018
6	Mr. Arif Allabaksh Mulani	Biosynthesis and Applications of Zinc Oxide Nanoparticles using Plant Growth Promoting Rhizobacteria of <i>Cucuma longa</i> and <i>Zingiber officinale</i>	Registered	01/07/2018
7	Ms. Sapana Vishwas Velhal	Studies on Cd, Zn, Pb and Cu Tolerance in Plant Growth Promoting Rhizobacteria of <i>Glycine max.</i>	Registered	01/07/2018

5. PUBLICATIONS:

- **Research Papers Published : 37**

Sr. No.	Title of the Paper	Name of the Journal	Volume Year & Page No.	Level / ISSN / IF	Indexed by / Citations
1	Isolation and characterization of moderate halophiles from salty environments	Aquacult - An Int. J. of Fisheries and Aquaculture	9 (1) 2008: 63-66	International 0972-2262 ICV : 4.62	Indexed and Peer Reviewed
2	Antifungal and phytohormone production potential of <i>Azotobacter chroococcum</i> isolates from groundnut rhizosphere	Asian J. of Experimental Sciences.	23(1) 2009 : 293-297.	International 0971-5444 ICV : 5.15	Indexed and Peer Reviewed
3	Effect of mixed culture inoculation of native Rhizobia and <i>Azotobacter</i> on nodulation and dry mass of groundnut (<i>Arachis hypogea</i> L.) in pot culture experiment	The Bioscan - An International Journal of Life Sciences.	4 (4) 2009 : 603-606.	International 0973-7049	Indexed and Peer Reviewed
4	Antifungal and phytohormone production potential of <i>A. chroococcum</i> isolates from groundnut rhizosphere and their	Research Journal of Chemistry and Environment.	15 (2) 2011: 1-7	International 0972-0626 IF : 0.323	Scopus

	effect on nodulation and dry mass, in pot culture experiment				
5	Enhancement of activity of antibiotics by plant extracts	J. of Pure & Applied Microbiology	5 (2) 2011	International 0973-7510 ICV : 9.0	Scopus
6	Isolation of Marine Actinomycetes from the Mangrove Swamps for Biotechnological Exploration	Journal of Life Sciences, USA	5(12) 2011: 1030-1036	International 1934-7405,	Indexed and Peer Reviewed
7	Biodegradation of tallowamine ethoxylate by <i>Pseudomonas desmolyticum</i> NCIM 2112	Int. Research J. of Biological Sciences	1 (4) 2012: 56-60	International 2278-3202	Indexed and Peer Reviewed
8	Biodegradation of Chlorpyrifos by <i>Pseudomonas desmolyticum</i> NCIM 2112	Int. Journal of Pharma and Bio Sciences	4(2)(B) 2013: 609- 616	International 0975-6299 , IF : 5.121	Scopus
9	Biodegradation of sulfonated aromatic amine by <i>Pseudomonas desmolyticum</i> NCIM 2112	J. of Chemical and Pharmaceutical Research	5 (4) 2013 : 335-339	International 0975-7384 , IF 0.75	Scopus
10	Optimization of soil parameters for Benzyl Benzoate degradation by <i>Pseudomonas desmolyticum</i> NCIM 2112	Research Journal of Agriculture and Forestry Sciences	1(5) 2013: 1-9	International 2320-6063	Indexed and Peer Reviewed
11	Study on antibacterial activity of honey samples collected from medicinal plant sources	Asian J. of Microbiology, Biotechnology & Environmental Sciences	15 (4) 2013: 755-758	International 0972-3005 IPP-0.045	Scopus
12	Biodegradation of benzyl benzoate by <i>Pseudomonas desmolyticum</i> NCIM 2112	World Journal of Microbiology and Biotechnology	30 (3) 2014: 827-833	International 0959-3993 IF : 1.779 IPP-1.87	WOS Scopus
13	Biodegradation of Quinolphos insecticide by <i>Pseudomonas</i> strain isolated from Grape rhizosphere soils	Int. Journal of Current Microbiology and Applied Sciences	3(1) 2014 : 606-613	International 2319-7706 IF 1.594	Indexed and Peer Reviewed
14	Biodegradation of the Organophosphorus insecticide Dichlorvas by <i>Bacillus</i> species isolated from Grape wine yard Soils from Sangli District, M.S.	International Research Journal of Environmental Science	3 (5) 2014: 1-4	International 2319-1414	Indexed and Peer Reviewed
15	Biodegradation of n-cyclohexyl benzothiazole-2-sulfenamide by <i>Pseudomonas desmolyticum</i> NCIM 2112	Journal of Microbiology and Biotechnology Research	5 (1) 2015 : 28-33	International 2231 –3168	Indexed and Peer Reviewed
16	Isolation, characterization & tolerance study of Quinolphos resistant bacteria from grape wine yard soils	Bionanofrontier - Journal of Science and Technology	8 (3) 2015 : 34-39	International 0974 – 0678 SJIF- 3.251	Indexed and Peer Reviewed
17	Bioremedial potential of indigenous bacteria isolated from pesticide contaminated soil	World Journal of Pharmaceutical Research	5(9) 2016: 1551-1564.	International 2277– 7105 SJIF - 6.805	Indexed and Peer Reviewed
18	Biodegradation of Deltamethrin by using Indigenous Bacteria Isolated from Contaminated Soil	International J. of Current Micro. and Applied Sciences	5 (5) 2016: 258-265	International 2319-7706 IF 1.594	Indexed and Peer Reviewed

19	Biodegradation of bifenthrin pesticide by indigenous bacteria from Pesticide contaminated soil	International Journal of Pharma and Bio Sciences	7 (3) (B) 2016: 474 – 479	International 0975-6299 IF 5.121	Scopus
20	Biodegradation of bifenthrin by indigenous bacteria isolated from pesticide contaminated agricultural soil	World Journal of Pharmaceutical Research	5(10) 2016: 609-619.	International 2277– 7105 SJIF - 6.805	Indexed and Peer Reviewed
21	Degradation of Cypermenthrin by using indigenous bacteria isolated from pesticide contaminated soil	Research Journal of Chemistry and Environment	21 (7) 2017 : 8-12	International 0972-0626 IF : 0.323	Scopus
22	Toxicological study of cypermethrin and its metabolites on Earthworm (<i>Eisenia fetida</i>)	Int. J.of Research and Analytical Reviews	Special Issue 2019 : 312 – 316	International 2348-1269	UGC Approved
23	Toxicological study of deltamethrin and its metabolites on earthworm (<i>Eisenia fetida</i>)	Res. J. of Life Sci., Bioinformatics , Pharmaceutical and Chemical Sci.	Special Issue, 2019 : 198-204	International 2454-6348	UGC Approved
24	Evaluation of phyto and aquatic toxicity of insecticide additive tallowamine ethoxylate and its metabolites produced by <i>P. desmolyticum</i> NCIM 2112	Pollution Research	4 : 2019	International 0257-8050 IF 0.11	Scopus
25	Toxicological Study of Bifenthrin and its Metabolites on Earthworm (<i>Eisenia fetida</i>)	Nature, Environment and Pollution Technology	18 (4) 2019.	International 2395-3454 IF 2.236	Scopus
26	Evaluation of Phyto and Aquatic Toxicity of Neonicotinoid Insecticide Additives-Benzyl Benzoate and N-Cyclohexyl Benzo- thiazole-2-Sulfenamide and their Metabolites produced by <i>P. desmolyticum</i> NCIM 2112	Research Journal of Biotechnology	14 (10) 2019 : 50-57	International 2278-4535 IF 0.233	Scopus WOS
27	Biodegradation of dichlorvas by strain of <i>Pseudochrobactrum asaccharolyticum</i> from grape wine yard soil	Journal of Advanced Scientific Research	11 (Supl. 6) 2020 : 40-44	International 0976-9595	UGC CARE listed
28	Optimization , purification and characterization of tyrosinase from novel strain of <i>Streptomyces bikiniensis</i>	Journal of Advanced Scientific Research	11(4) (Supl. 8), 2020:117-124	International 0976-9595	UGC CARE listed
29	Isolation, Characterisation of Aflatoxin Producing Fungi from Contaminated Peanut and Rice, their Fate on Aflatoxin Production	YMER - International Open Access Journal	20 (11) 2021: 565-572	International 0044-0477	Scopus
30	Isolation , characterization and identification of potent plant growth promoting rhizobacteria from <i>Asparagus racemosus</i>	YMER – International Open Access Journal	21(6) 2022: 148-174	International 0044-0477	Scopus
31	Biodegradation Study of an Organophosphorus Insecticide– Quinalphos by Novel <i>Sphingobacterium mizutaii</i> strain DSM 11724	International Journal of Microbial Science	3 (1) July 2022: 8-16	International 2582-967X	Indexed and Peer Reviewed

32	Antagonistic Effect of Biocontrol Agents on Aflatoxin Producing Fungal Isolates From Contaminated Peanuts	Research Journal of Biotechnology	17 (10) 2022 : 54-57	International 2278-4535 IF 0.233	Scopus WOS
33	Purification of Lipase from Pseudomonas aeruginosa VSJK R-9 and Its Application in Combination with the Lipolytic Consortium for Bioremediation of Restaurant Wastewater	Applied Biochemistry and Biotechnology	(11) 2022 :	International 2732289 IF 3.094	Scopus WOS
34	Impact of plant growth promoting rhizobacteria Serratia nematodiphila RGK and Pseudomonas plecoglossicida RGK on secondary metabolites of turmeric rhizome	Biocatalysis and Agricultural Biotechnology	(47) 2023	International 1878-8181 IF 4.259	Scopus WOS
35	Bioelectricity Production from Algal Water Sample Using Microbial Fuel Cells	Bulletin of Environment, Pharmacology and Life Sciences	Spl. Issue [1] 2023:300-303.	International 2277-1808	WoS
36	Detection of aflatoxin producing fungi in rice and peanut, and determination of aflatoxin by HPLC-FLD method	Applied Biological Research	25(1): 2023 : 216-224	International 0974-4517	UGC CARE listed
37	Biosynthesis of Silver Nanoparticles by some Microorganisms Isolated from Jewelry Shop Waste	Research Journal of Agricultural Sciences	14 (5) , 2023 : 1135-1146	International 2249-4538	UGC CARE listed

• **Other Publications (Chapters / Papers in Conference Proceeding Books)**

Sr. No.	Title	Name of Book	Published By	Year & Page No.	Level / ISBN
1	Biodegradation of diesel oil by newly isolated bacterial culture	Advances in Environmental Sciences	Oxford Publication, New Delhi	2013 : 72 -78	International 978-93-5030-155-5
2	Diagnosis of Infectious Diseases (Microbial Infections)	ACLAP Educon - 2013	Association of Clinical Laboratory Analyst & Practitioners & BVDU Medical College & Hospital, Sangli	2013 : 57-59	State
3	Soil microorganisms and climate change	Global Warming (Climate Change)	BVPs MBSK Kanya Mahavidyalaya, Kadegaon	2014 : 30 -31	National 978-93-5156-228-3
4	Microbial Biotechnology	Inspire Vidnyanbharati	Dr. P.K. Mahavidyalay, Sangli	2014 : 79 -82	National 978-81-25021-2-0
5	Risk and Management of Infectious Diseases in Natural Calamities	Natural Calamities and Its Management in India	BVPs MBSK Kanya Mahavidyalaya, Kadegaon	2014 : 81- 86	National 978-93-5196-491-9
6	Screening of Cypermethrin, Deltamethrin and Bifenthrin	Biodiversity, Climate Change	KNP College, Walva	2015,	National

pesticide resistant bacteria from Contaminated Soil.	& Sustainable development		253-257	978-93-5235-969-1
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• **Books Written / Edited**

Sr. No.	Name of the Book	Author / Editor	Published By	Year	Level	ISBN
1	Home Parenteral Nutrition	Co-author	Oxford Publication, New Delhi	2015	International	978-93-5030-240-8
2	Microbiology for B.Sc. I and II (Paper I to VIII)	Co-author	Phadke Prakashan, Kolhapur	2006 2007 2010 2011 2012 2014 2015 2018 2019 2020 2022 2023	National	978-93-86703-58-3 978-93-86703-62-0 978-93-86703-94-1 978-93-86703-95-8 978-93-84123-66-6 978-93-89435-27-6 978-93-89435-18-4 978-93-84123-99-4 978-93-89435-74-0 978-93-89435-72-6 978-93-90546-93-0
3	Proceeding Book of National Conference on Global Warming (Climate Change)	Co-editor	BVPs Kanya Mahavidyalaya, Kadegaon	2014	National	978-93-5156-228-3
4	Proceeding Book of National Conference on Natural Calamities and Its Management in India	Editor	BVPs Kanya Mahavidyalaya, Kadegaon	2014	National	978-93-5196-491-9

6. CONFERENCES:

• **Research Paper Presentations in Seminars and Conferences:**

Sr. No.	Title of Lecture / Paper Presented	Theme of Conference / Seminar	Organized by	Date	International / National / State / Univ.
1	Cross inoculation studies on native Rhizobia associated with groundnut in Sangli District	47 th Annual Conference of AMI	Baraktullah University, Bhopal	6/12/2006 - 8/12/2006	International
2	Antifungal properties of <i>Azotobacter</i> associated with groundnut in Sangli District	Biotechnology for Sustainable Development	Shivaji Mahavidyalaya Barsi	12/2/2007 - 13/2/2007	National
3	Antifungal and phytohormone production potential of <i>Azotobacter chroococcum</i> isolates from groundnut (<i>Arachis hypogea</i> L.) rhizosphere and their effect on nodulation and dry mass, in pot culture experiment (Published)	5 th International Congress of Chemistry and Environment	Research Journal of Chemistry and Environment	27/11/2011 29/11/2011	International (Abroad - At Port Dickson, Malaysia)

4	Development of Membrane Bioreactor for Treatment of dairy Effluent	5 th International Congress of Chemistry and Environment	Research Journal of Chemistry and Environment	27/11/2011 29/11/2011	International (Abroad - At Port Dickson, Malaysia)
5	Silver nano particles (AG NPS) showing antimicrobial activity	52 nd Annual Conference of AMI	Punjab University Chandigarh	3/11/2011- 6/11/2011	International
6	Biodegradation of diesel oil by newly isolated bacterial culture from Ratnagiri (Maharashtra, India) sea shipyard region (Published)	Indo-Bhutan International Seminar on Advances in Environmental Sciences	Royal University of Bhutan.	11/5/2012 - 12/5/2012	International (Abroad)
7	Biodegradation of sulfonated aromatic amine by <i>Pseudomonas desmolyticum</i> NCIM 2112 (Published)	Microbial World: Recent Innovations and Future Trends (53 rd AMI)	School of Biotechnology, KIIT Uni. Bhubaneswar	22/11/2012 25/11/2012	International
8	Morphological and biochemical characterization and antibiogram analysis of Rhizobia associated with different varieties of groundnut in Sangli District.	Biotechnology for Agriculture and Rural Development	BVPs MBSK Kanya Mahavidyalaya ,Kadegaon	29/12/2012 30/12/2012	National
9	Biodiversity of organophosphorus insecticide resistant bacteria from Grape wine yard soils	Recent Trends in Biodiversity and Env't. Sciences	BVP's MBSK Kanya Mahavidyalaya, Kadegaon	3/10/2013- 4/10/2013	National
10	Biodegradation of N-cyclohexyl benzothiazole -2-sulfenamide by <i>Pseudomonas desmolyticum</i> NCIM 2112 (Published)	Recent Trends & Future Prospects in Multi-disciplinary Approaches in Microbiology	Rajaram College, Kolhapur	4/10/2014- 5/10/2014	National
11	Isolation , Characterization and tolerance study of quinolofos resistan bacteria from grape soils (Published)	Contemporary Research in Chemical & Life Sciences	SGM College, Karad	22/4/2015- 23/4/2015	International
12	Toxicological study of Cypermenthrin and its metabolites on Earthworm (Published)	Advances in Pure and App. Sciences	Balwant College , Vita	5/1/2019- 6/1/2019	International
13	Toxicological study of Deltamethrin and its metabolites on Earthworm (Published)	Sustainable Agriculture	Devchand College	12/2/2019	National
14	Toxicological study of bifenthrin and its metabolites on Earthworm (Published)	Recent Trends in Pure and App.Sciences	Dr. P. K. Mahavidyalay, Sangli	23/3/2019	National
15	Biodegradation of Fenvelerate pesticide by indigenous bacteria isolated from contaminated soil	Life Science – A Sustainable Development	Dahiwadi College, Dahiwadi	29/03/2019	National

• **Resource Person / Invited Talks in Seminars / Conferences / Workshops:**

Sr. No.	Title of Lecture / Paper Presented	Theme of Conference / Seminar	Organized by	Date	International / National / State / Univ.
1	Diagnosis of Infectious Diseases (Published in Proceeding Book)	ALCAP EDUCON – 2013	ALCAP & BVDU Medical College, Sangli	20 /1/2013	State
2	Biofertilizers for Sustainable Agriculture	Emerging Horizons in Biochemical Sciences and Nanomaterials	Shri Shivaji Mahavidyalaya, Barsi	28/11/2013 30/11/2013	International
3	Soil microorganisms and Climate Change (Published in Proc.Book)	Global Warming (Climate Change)	BVPs MBSK Kanya Maha. Kadegaon	6/2/2014 - 7/2/2014	National
4	Risk and Management of Infectious Diseases in Natural Calamities (Published Proc.Book)	Natural Calamities and Its Management in India	BVPs MBSK Kanya Mahavidyalaya, Kadegaon	05/12/2014- 07/12/2014	National
5	Revised Syllabus of B.Sc. I Microbiology Sem II	Revised Syllabus (CBCS) of B.Sc. I Microbiology Sem IV	DAB Naik A & S College, Chikhali	28/08/2019	University
6	Bioremediation of Pesticide Contaminated Soils	Microbes for Clean Environment	Taywade College and MSI , Nagpur	29/10/2019- 30 /10/2019	National
7	Revised Syllabus of B.Sc. II Microbiology Sem IV	Revised Syllabus (CBCS) of B.Sc. II Microbiology Sem IV	Balasaheb Desai College, Patan	14/9/2019	University
8	Documentation Strategies in IQAC	Innovative and Best Practices in Higher Education	Modern College of Arts , Science & Com., Pune	20/7/2019	National
9	Patent Writing and Filing	Intellectual Property Rights	YC College of Science , Karad	27/12/2019	National
10	Revised Syllabus of B.Sc. III Microbiology Sem VI (Paper XVI – Medical Microbiology)	Revised Syllabus of B.Sc. III Microbiology (CBCS)	Willingdon College Sangli	01/02/2021	University
11	Revised Syllabus of B.Sc. III Microbiology Sem V & VI (Practical Course III)	Revised Syllabus of B.Sc.III Microbiology (CBCS)	DAB Naik A & S College, Chikhali	18/2/2019	University
12	UGC-SWAYAM MOOC Courses	Adoption and Implementation of UGC SWAYAM– MOOC COURSES : An Institutional Perspective	Balwant College, Vita	06/01/2021	State
13	Revised Syllabus of B.Sc. III Microbiology Sem (Paper XI- Food & Industrial Microbiology)	Revised Syllabus of B.Sc. III Microbiology (CBCS)	YC College of Science , Karad	06/03/2021	University
14	Organic Farming – a Sustainable Way of Agriculture	International Conference on Proceeding in Life Sciences	International Journal of Microbial Science	01/03/2021- 02/03/2021	International

15	UGC-SWAYAM MOOC Courses	Adoption and Implementation of UGC SWAYAM–MOOC COURSES : An Institutional Perspective	Kisan Veer Mahavidyalaya, Wai Dist. Satara	08/04/2021	State
16	Bioscience: Vital aspects of Corona	Corona : Human Body Infection	Shripatrao Chougule College , Kotoli Kolhapur	25/10/2021	National

• **Conferences / Seminars / Workshops Attended: (Since 2004)**

- 1) Workshop on the discussions of draft syllabus in Microbiology of B.Sc.II of Shivaji University, Kolhapur at Y.C.I.S.,Satara on 21st Jan.2004.
- 2) National Seminar on **Environment Pollution & Biocontrol** at Y.C.C.S., Karad on 21st Feb.2004.
- 3) Orientation Programme on Revised Syllabus of B.Sc. II Microbiology, at DBF Dayanand College, Solapur, on 16th Aug.2004.
- 4) Workshop on **Biotechniques**, at YCCS, Karad, on 4th Sep.2004.
- 5) Workshop on the discussions of draft syllabus in Microbiology of B.Sc.III of Shivaji University, Kolhapur at Dr.P.K.Mahavidyalaya,Sangli on 5thJan. 2005.
- 6) State level workshop on **Water Pollution Management**, at CIBER,Kolhapur on 1st Feb. 2005.
- 7) National Seminar on **Recent Experimental Techniques in Science**, at Y.M.College, Pune on 27th Aug.2005.
- 8) Workshop for **Teachers in Microbiology**, at LBS College, Satara on 27th to 29th Jan.2006.
- 9) National Seminar on **Biodiversity-Perspectives and Challenges in 21st Century**, at Y.M.College, Pune on 11th Oct.2006.
- 10) Workshop on the discussions of draft syllabus in Microbiology of B.Sc.II of Shivaji University, Kolhapur at Willingdon College , Sangli on 28th September 2007.
- 11) UGC sponsored National Seminar on **Emerging Infectious Diseases** at Y.M.College, Pune on 14th February 2011.
- 12) Workshop on ‘Revised Semester Pattern Syllabus of B.Sc. part II of Shivaji University, Kolhapur at Willingdon College, Sangli on 6th August 2011.
- 13) Seminar on ‘Biotechnology for Better Tomorrow – 2020’ at Dr. B.A. Marathwada University, Aurangabad on 22nd January 2012.
- 14) Workshop on ‘UGC New API Score System – A Way to Personality Enrichment of Teachers’ at Putalaben Shah B.Ed. College Sangli on 8th March 2012.
- 15) National Seminar on ‘Biodiversity-Conservation and Protection’ at BVDU Y.M.College, Pune on 13th to 14th March 2012.
- 16) Workshop on ‘Revised Semester Pattern Syllabus of B.Sc. Part III of Shivaji University, Kolhapur at Miraj Mahavidyalaya, Miraj on 11th August 2012

- 17) National Seminar on 'Quality of Higher Education and Kakodkar Report, at Kamala College, Kolhapur on 2nd September 2012.
- 18) National Seminar on 'Techniques and Applications in Forensic Science- Microbiology ' at BVDU Y.M.College, Pune on 6th Oct. 2012.
- 19) UGC sponsored National Seminar on 'Recent trends in Microbial Fermentations' at SGM College, Karad on 27th to 28th December 2012.
- 20) UGC sponsored National Seminar on 'Applied Microbiology for Globe Protection' at Y.C. Institute of Science , Satara on 11th to 12th January 2013.
- 21) National Seminar on 'Proposed Maharashtra Universities Act and Quality of Higher Education at Y.C. Institute of Science , Satara on 17th February 2013.
- 22) Workshop on 'Revised Semester Pattern Syllabus of B.Sc. Part I of Shivaji University, Kolhapur at KRP Kanya Mahavidyalaya, Islampur on 8th August 2013
- 23) Recent Advanced Techniques in Applied Microbiology by Miraj mahavidyalaya, Miraj on 5/10/2013 – 5/10/2013
- 24) National Seminar on 'Private Universities and Quality of Higher Education, at Dr. Bapuji Salunkhe Sabhagruh, Kolhapur on 6th Oct. 2013.
- 25) One day workshop for ' Avishkar : Orientation Programme' jointly organized by Shivaji University, Kolhapur & C. S. College, Satara on 13th Dec. 2013.
- 26) UGC National Seminar on 'Modern Methods in Detection, Identification and Quantification of Microorganisms, at BVU Y. M. College' Pune on 18th Feb. 2014.
- 27) One day Seminar on 'Recent Trends in Biotechnology' at Dr. B.A.M.U, Aurangabad on 20th July, 2014.
- 28) Revised Syllabus of B.Sc.II by YCCS, Karad on 26/7/2014
- 29) National Conference- Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology by RCK, on 4/10/2014 to 5/10/2014
- 30) International Multifocal Conference-2014 by KIMS, Karad on 3/12/2014
- 31) Role of IQAC in Quality Enhancement by Balwant College, Vita on 27 / 2/ 2015
- 32) New Syllabus of B.Sc.III Microbiology by RCK on 22/8/2015
- 33) 1st Natioanl Teachers Congress by MIT Pune on 23 / 9 / 2016 to 25 / 9 / 2016
- 34) Workshop on CBCS by SUK at Willingdon College, Sangli on 4/7/2018
- 35) Workshop on 'Revised Syllabus of B.Sc. Part II of Shivaji University, Kolhapur at YCCS, Karad on 26th July, 2014.
- 36) Workshop -The Maharashtra Public University Act by SUTA on 5/2/2017
- 37) Workshop- Website Management by BVPs COE for Women , Pune on 5/1/2018
- 38) Research Sensitization Scheme for College Students by ASC College, Palus on 30/1/2018
- 39) State Seminar on 'Frontiers in Microbiology and Annual Microbiologist Meet 2018 ' at HPT Arts & RYK Science College, Nashik on 20th to 21st Oct. 2018.

- 40) Avishkar Orientation Programme by SUK & YCC , Islampur on 2/11/2018
- 41) Workshop on 'NPTEL' at SIES College of Arts , Science and Commerce , Sion , Mumbai on 6th Dec. 2018
- 42) National Workshop on 'E-Content Development' at ASC College Ramanand nagar, on 9th to 10th Jan. 2019.
- 43) Workshop on 'NPTEL' at IIT Mumbai on 25th January 2019.
- 44) National Seminar on 'Revised Accreditation Framework of NAAC' at Shivaji University, Kolhapur on 21st Feb. 2019.
- 45) National Conference- Recent trends in Pure & Applied Sciences by PKM, Sangli on 23/3/2019
- 46) Workshop- Seventh Pay GR and New API by SUTA , Sangli at Miraj on 19/4/2019
- 47) NPTEL Workshop by IIT Madras at IIT Mumbai on 13/7/2019
- 48) Workshop- New AQAR Methodology by H V Desai College , Pune on 17 / 7 / 2019
- 49) Workshop- New Changed Syllabus of B.Sc.II (CBCS) Microbiology by PKM Sangli on 28/8/2019
- 50) Coronavirus Disease -2019 by AACC learning Lab for Lab Medicine on NEJM Knowledge on 22/3/2020
- 51) Covid – 19 Awareness Programme by SUK on 29/4/2020
- 52) National Webinar-Virtual Reality: Very Important for Futuristic Training by SIES College, Mumbai on 26/5/2020
- 53) Workshop- NAAC –Revised Accreditation Framework by PKM, Sangli on 2/6/2020
- 54) International Webinar-Current Perspectives of Microbial Diseases by YCCS, Karad on 5/6/2020
- 55) National Webinar-Intellectual Property Right (IPR) at Balasaheb Desai College, Patan, 18/7/2020
- 56) National Webinar - Education 2035 by YMA, SCR, DMP & GMCK on 15/8/2020
- 57) National Conference on Recent Trends in Pure and Applied Microbiology at BVPs Dr Patangrak Kadam Mahavidyalaya, Sangli on 20/1/2022 to 21/1/2022
- 58) National Conference on - NEP 2020 : Role of Private Sector in an Effective Implementation, by Education Promotion Society of India on 28th March 2022 at Pune
- 59) Workshop on – Effective Implementation of NEP-2020 at Tikaram Jagannath College, Pune on 24/02/2023
- 60) National Conference-'Industry-Academia Meet for Students of Rural & Urban India'on Biomake in India at KIAS, KVV, Karad on 20/5/2023 to 21/5/2023

7. ACHIEVEMENTS / AWARDS

- Fellow Member of World Researchers Associations.
- Life Member of Association of Microbiologist of India
- Life Member of Microbiologists Society of India
- Life Member, Institute of Scholars, Bangalore

- Expert author in Microbiology for Marathi 'Marathi Vidnyan Vishwakosh' published by Maharashtra State Marathi Vishwakosh Nirmiti Mandal.
- Visited to Visited Malaysia, Singapore and Bhutan and presented research papers in International Conferences.
- Recipient of Fellow Membership Award (FWRA) by World Researchers Associations for achievements and for promotion of Research and Environment
- Recipient of Academic Excellence Award by Institute of Scholars, Bangalore.
- Guest faculty in Food Technology Department for Food Microbiology at Defense Institute of Advance Technology (DIAT), Khadakwasala, and Pune.
- Listed as an Educationalist and Researcher in Asian Admirable Achievers -2023, Vol. XI published by Rifacimento International.